



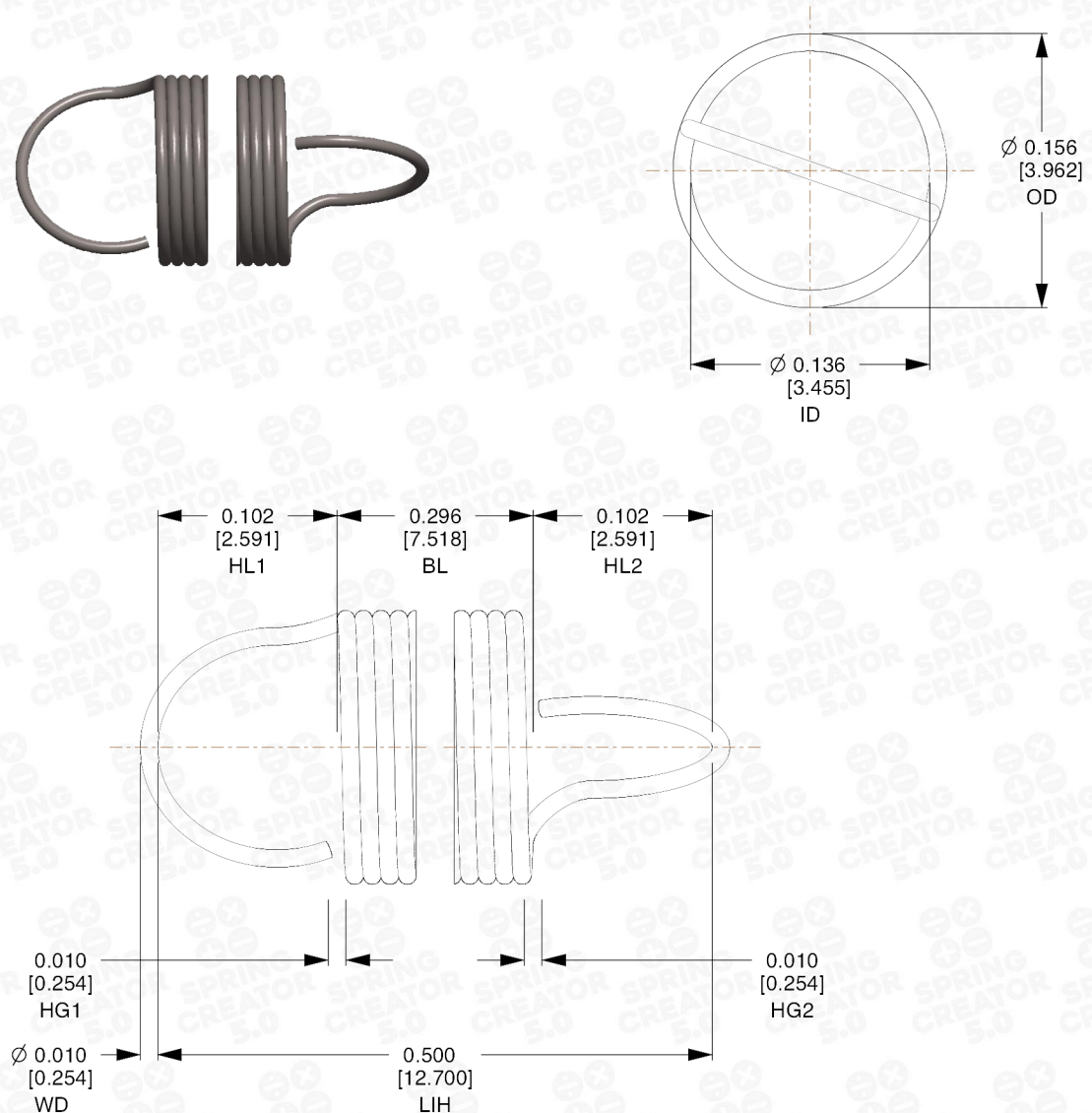
Force that
EMPOWERS

sales@springcreator.com Ph 951 276 2777
2225 E. Cooley Dr Colton, CA 92324
www.springcreator.com

Part Name:	Date: 06/02/2026
Part #: in (Click to see Part # on Website)	PE010-156-28600-MW-0500-MH-N-IN
Spring Type: Extension Spring	End Type: Machine Hook
Finish: None	Direction of Wind: Right Hand
Material: Music Wire ASTM A228	Spring Index (I): 14.600
Weight / M: 0.307 Lbs	Length of W: 13.749 in

Physical Dimensions	IN	MM	Tolerances (in)
Wire Diameter (WD)	0.010 in	[0.254 mm]	+/- 0.001
Outer Diameter (OD)	0.156 in	[3.962 mm]	+/- 0.005
Mean Diameter (MD)	0.146 in	[3.708 mm]	+/- 0.005
Inner Diameter (ID)	0.136 in	[3.454 mm]	+/- 0.005
Length Inside Hooks (LIH)	0.500 in	[12.700 mm]	+/- 0.015
Body Length (BL)	0.296 in	[7.518 mm]	+/- 0.015
Hook Gap 1 (HG1)	0.010 in	[0.254] mm	
Hook Gap 2 (HG2)	0.010 in	[0.254] mm	
Hook Length 1 (HL1)	0.102 in	[2.591] mm	
Hook Length 2 (HL2)	0.102 in	[2.591] mm	
Total Hook Length (THL)	0.204 in	[5.182] mm	

Spring Rate (K)	0.16141 lbs/in	0.028 N/mm	+/- 0.016
Max Load (ML)	0.365 lbf	1.622 N	+/- 0.036
Max Travel (MT)	2.139 in	54.341 mm	
Initial Tension (IT)	0.019 lbf	0.086 N	
Max Shear Stress Possible (t max)	181890.000 PSI	1254087404.024 Pa	
Material Shear Modulus (G)	11492970.929 PSI	79241245134.131 Pa	
Wahl Correction Factor (W)	1.097	1.097	



Notes	Scale: 9.295	Revision #:	Drawn By:	Approved By:
	This file and any associated information and specifications are provided for reference and evaluation purposes only, and is subject to change without notice. Access Spring makes no representations, warranties or guarantees as to the appropriateness, accuracy, completeness, or suitability for any purpose, of the file, information or specifications. You are solely responsible for the use of the file, information or specification.			This Drawing is the property of ACCESS SPRING It may contain confidential, proprietary information, that is Access Spring property. Do not disclose to or duplicate for others except as authorized by Access Spring.